#### PATENT COOPERATION TREATY



### **PCT**

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

· · · · · · · · · · · · · · · · · · ·				
Applicant's or agent's file reference ST42113-js	FOR FURTHER ACTION	See Form PCT/IPEA/416		
International application No. PCT/EP2003/010142	International filing date (day/month/year) 12 September 2003 (12.09.2003)			
International Patent Classification (IPC) or national classification and IPC  B27N 1/02				
Applicant KRONC	OSPAN TECHNICAL COMPANY I	LIMITED		
1. This report is the international prelimation Authority under Article 35 and trans	minary examination report, established by the smitted to the applicant according to Article :	is International Preliminary Examining 36.		
	5 sheets, including this cover	: sheet.		
N=3	ANNEXES, comprising:  I to the International Bureau) a total of1_	sheets, as follows:		
sheets of the descr and/or sheets cont Administrative Ins	taining rectifications authorized by this Auth	been amended and are the basis of this report hority (see Rule 70.16 and Section 607 of the		
beyond the disclo	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.			
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))  , containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).				
4. This report contains indications relating to the following items:				
Box No. I Basis of the re	port			
Box No. II Priority				
	ment of opinion with regard to novelty, inver	ntive step and industrial applicability		
Box No. IV Lack of unity of invention				
citations and e	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement			
Box No. VI Certain documents cited				
	s in the international application			
Box No. VIII Certain observations on the international application				
Date of submission of the demand	Date of completion	of this report		
06 April 2004 (06.04.2	2004) 08 E	December 2005 (08.12.2005)		
Name and mailing address of the IPBA/BP	Authorized officer			
Facsimile No.	Telephone No.			

Translation

International application No.

#### PCT/EP2003/010142

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

pages*	Box No. I		Basis of the report		
which is language of a translation furnished for the purpose of:  international search (under Rules 12.3 and 23.1(b))  publication of the international application (under Rules 55.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have international preliminary examination (under Rules 55.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have infurnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed/furnished the description:    The international application as originally filed/furnished the description:   pages					
publication of the international application (under Rule 12.4) international preliminary examination (under Rules 55.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have to furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally fit and are not annexed to this report."  The international application as originally filed/furnished the description:  pages*  received by this Authority on  pages*  received by this Authority on  pages*  received by this Authority on  pages*  1, 6  received by this Authority on  pages*  received by this Authority on  22 November 2005 (22.11.200)  pages*  received by this Authority on  14.4/4  pages*  received by this Authority on  a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages  the claims, Nos.  the drawings, sheets/figs  the sequence listing (specify):  any table(s) related to sequence of the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box Relating to Supplemental Box Relation of the Supplemental Box		•			
international preliminary examination (under Rules 55.2 and/or 55.3)  2. With regard to the elements of the international application, this report is based on (replacement sheets which have in furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally fix and are not answered to this report."  The international application as originally filed/furnished the description:  pages			international search (under Rules 12.3 and 23.1(b))	•	
2. With regard to the elements of the international application, this report is based on (replacement sheets which have is furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally flund are not annexed to this report):  The international application as originally filed/furnished  the description:  pages	[		publication of the international application (under Rule 12.4)		
furntshed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally fland are not anuexed to this report):  The international application as originally filed/furnished the description:  pages			international preliminary examination (under Rules 55.2 and/or 55.3)		
furntshed to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally fland are not annexed to this report):  The international application as originally filed/furnished the description:  pages					
the description:  pages   1-12   , as originally filed/fur pages*   received by this Authority on    the claims: pages   2-5, 7-15   , as originally filed/fur pages*   , as amended (together with any statement) under Ar pages*   1, 6   received by this Authority on   22 November 2005 (22.11.2005) pages*   received by this Authority on   22 November 2005 (22.11.2005) pages*   received by this Authority on   as originally filed/fur pages*   received by this Authority on      A contact   received by this Authority on   received by this Authority on     A contact   receiv	furnishe and are	ied to e not	the receiving Office in response to an invitation under Article 14 are reference annexed to this report):	·	
pages* received by this Authority on received by this Authority on the claims:  pages 2-5, 7-15 as amended (together with any statement) under Ar pages* received by this Authority on 22 November 2005 (22.11.200: pages* received by this Authority on 22 November 2005 (22.11.200: pages* received by this Authority on a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental B					
pages* received by this Authority on pages* received by this Authority on the claims: pages				as originally filed/firmished	
the claims:  pages 2-5, 7-15 , as originally filed/fur pages* 1, 6 received by this Authority on 22 November 2005 (22.11.2005) pages* 1/4-4/4 , as originally filed/fur pages 1/4-4/4 , as originally filed/fu				, as originally incurtainished	
the claims:  pages					
pages					
pages*	×_3			. , as originally filed/furnished	
pages* 1, 6 received by this Authority on received by this Authority on received by this Authority on the drawings:  pages 1/4-4/4 , as originally filed/fur pages* received by this Authority on pages* received by this Authority on received by this Authority on a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box				· · · · · · · · · · · · · · · · · · ·	
the drawings:  pages					
pages*					
pages*	K 7				
pages* received by this Authority on pages* received by this Authority on  a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box Relating to Sequence Listing.	-			, as originally filed/furnished	
received by this Authority on  a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages					
The amendments have resulted in the cancellation of:  the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	-				
The amendments have resulted in the cancellation of:  the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	а	a seai	ence listing and/or any related table(s) - see Supplemental Box Relating to S	Sequence Listing.	
the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	<del></del>	7.		~	
the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	3	The ^	mendments have resulted in the cancellation of		
the claims, Nos.  the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Between the supple	<sup>1</sup> لمارد ا	a			
the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):  4. This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	ſ				
the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Between the	l I				
any table(s) related to sequence listing (specify):  4. This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Benefit of the supplemental Be	[	님			
This report has been established as if (some of) the amendments annexed to this report and listed below had not be made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be	į	님			
made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Be		Ш	any table(s) related to sequence listing (specify):		
the description, pages	n	made	since they have been considered to go beyond the disclosure as filed, a 70.2(c)).		
the claims, Nos.	[	H			
the drawings, sheets/figs					
the sequence listing (specify):	ſ				
any table(s) related to sequence listing (specify):	<b>[</b>	計			
any more(a) related to bedreined taking (apecily).					
* If item 4 applies, some or all of those sheets may be marked "superseded."					

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.
PCT/EP 03/10142

V.	Reasoned statement under Article : citations and explanations supporti	35(2) with regard to novel ng such statement	lty, inventive step or industrial appl	icability;
1.	Statement			
	Novelty (N)	Claims	1-15	YES
		Claims		NO
	Inventive step (IS)	Claims	1-15	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-15	YES
		Claims		NO

2. Citations and explanations

I.

- 1. The newly submitted claim 1 seems to be incomplete because the word "pressure" is missing at the end of the first line. The phrase should presumably read "in which the glue is conveyed under pressure". The claim has been examined accordingly.
- 2. The preambles of the independent claims are based on WO 03/13808 (document D3), which is by the same applicant. The invention relates to a low-cost process for producing high-quality woodchip boards, in which the glue is conveyed at a pressure of between 15 and 250 bar and atomised from a nozzle at this pressure at a rate of more than 1 1/min. The advantage is that the curtain of woodchips prevents dirtying of the subsequent unit.
- 3. These specific process steps are not suggested by the prior art. In this respect the process according to claim 1 appears to meet the PCT requirements. The same applies to independent claim 6, which is directed to a device for carrying out the process.

International application No. PCT/EP 03/10142

4. The dependent claims relate to other embodiments of the invention and in principle also appear to meet the PCT requirements.

II.

- 1. Since the pressure in claim 1 is now defined as being between 15 and 250 bar, the values given in the dependent claims do not need to be introduced by the terms "more particularly" or "preferably".
- 2. The requirements of PCT Rule 5.1(a) have not been met because documents D1 to D4 are either not cited or not properly acknowledged in the introductory part of the description.
- Reference sign "36" in line 4 on page 2 should be changed to "35".
- 4. Figure 1 does not appear to be correctly drawn. Since cooling water is supposed to flow in the double-walled pipe of mixer 2, the part of the pipe where the material is introduced from above (arrow 7) should be "closed".
- 5. The aforementioned defects should be corrected prior to entry into the regional phase. To ensure there are no problems of clarity the amended versions of the claims should avoid expressions such as "more particularly completely or predominantly" and double "and/or" combinations. It would also be worth considering whether plain and obvious features need to be claimed, such as the subject matter of claim 15. Obviously the pipes must be able to withstand pressures of up to 250 bar if that is the pressure generated by the pump.

### VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM **GEBIET DES PATENTWESENS**

## PCT

## INTERNATIONALER VORLÄUFIGER PRÜFUNGSBERICHT

(Artikel 36 und Regel 70 PCT) REC'D 0 9 DEC 2005

11100	PCT
I WIPO	<b>701</b>
1 4411	فالمساكرة الأنف ويرفع أكراب معاول بالمناوية والمراجد والبرواء فالمجروع والمسا

	enzelo 421		es Anmelders oder Anwalts S	WEITERES VOI	RGEHEN	siehe Mitteilung vorläufigen Prü	g über die Übersendung fungsberichts (Formblat	des Internationalen I PCT/IPEA/416)
Internationales Aktenzeichen PCT/EP2003/010142				Internationales Anmeldedatum (Tag/Monat/Jahr) Prioritätsdatum (Tag/Monat/Jahr) 12.09.2003		fonat/Jahr)		
Ann	7N1/C	02 ——	atentklassifikation (IPK) oder  N TECHNICAL COMPA		n und IPK			
1.	Die	ser in	ternationale vorläufige Progren Behörde erstellt und	Ofungsbericht wurde	von der mi gemäß Arti	t der internatio kel 36 übermitt	nalen vorläufigen Prüf elt.	fung
2.	Die	ser B	ERICHT umfaßt insgesam	nt 5 Blätter einschlie	Blich diese	s Deckblatts.		
	Außerdem liegen dem Bericht ANLAGEN bei; dabei handelt es sich um Blätter mit Beschreibungen, Ansprüchen und/oder Zeichnungen, die geändert wurden und diesem Bericht zugrunde liegen, und/oder Blätter mit vor dieser Behörde vorgenommenen Berichtigungen (siehe Regel 70.16 und Abschnitt 607 der Verwaltungsrichtlinien zum PCT).							
	Dies	se An	lagen umfassen insgesam	nt 1 Blätter.				
3.	Dies	ser Be	ericht enthält Angaben zu	folgenden Punkten:				
	I	$\boxtimes$	Grundlage des Beschei	ds				
	FI.							
		Ц	Keine Erstellung eines (	Butachtens über Nei	uheit, erfind	erische Tätigke	eit und gewerbliche Ar	nwendbarkeit
	IV		Mangeinde Einheitlichke	elt der Erfindung				
	V	$\boxtimes$	Begründete Feststellung gewerblichen Anwendba	j nach Regel 66.2 a) arkeit: Unterlagen un	ii) hinsichtli d Erklärund	ch der Neuheit	, der erfinderischen T	ätigkeit und der
	VI		Bestimmte angeführte U	nterlagen	Cilialain	gon zur Gtutzur	ig dieser Feststellung	
	VII		Bestimmte Mängel der i		eldung			
	VIII		Bestimmte Bemerkunge	n zur internationaler	n Anmeldun	g		
Datum der Einreichung des Antrags		Datum de	r Fertigstellung o	lleses Berichts				
06.04.2004		08.12.2	005					
Name und Postanschrift der mit der internationalen Prüfung beauftragten Behörde		Bevolimā	chtigter Bedlenst	eter eter				
Europäisches Patentamt D-80298 München Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465			Dorfsch	•				
			· · +0 00 2000 • 4400		Tel. +49 8	9 2399-2915		The same of the sa

# INTERNATIONALER VORLÄUFIGER PRÜFUNGSBERICHT

Internationales Aktenzeichen PCT/EP2003/010142

### I. Grundlage des Berichts

1. Hinsichtlich der Bestandteile der internationalen Anmeldung (Ersatzblätter, die dem Anmeldeamt auf eine Aufforderung nach Artikel 14 hin vorgelegt wurden, gelten im Rahmen dieses Berichts als "ursprünglich eingereicht" und sind ihm nicht beigefügt, weil sie keine Änderungen enthalten (Regeln 70.16 und 70.17)):

	Be	Beschreibung, Seiten				
	1-1	12	in der ursprünglich eingereichten Fassung			
	An	sprüche, Nr.	•			
	2-5	5, 7-15	in der ursprünglich eingereichten Fassung			
	1, 6	6	eingegangen am 23.11.2005 mit Schreiben vom 22.11.2005			
	Zei	ichnungen, Blätter				
	1/4	-4/4	in der ursprünglich eingereichten Fassung			
2.	Hinsichtlich der <b>Sprache</b> : Alle vorstehend genannten Bestandteile standen der Behörde in der Sprache, in der die internationale Anmeldung eingereicht worden ist, zur Verfügung oder wurden in dieser eingereicht, sofern unter diesem Punkt nichts anderes angegeben ist.					
	Die ein	Bestandteile stande gereicht; dabei hand	n der Behörde in der Sprache: zur Verfügung bzw. wurden in dieser Sprache elt es sich um:			
		die Sprache der Üb (nach Regel 23.1(b	ersetzung, die für die Zwecke der internationalen Recherche eingereicht worden ist			
		die Veröffentlichung	ssprache der internationalen Anmeldung (nach Regel 48.3(b)).			
		die Sprache der Üb	ersetzung, die für die Zwecke der internationalen vorläufigen Prüfung eingereicht egel 55.2 und/oder 55.3).			
3.	Hinsichtlich der in der internationalen Anmeldung offenbarten Nucleotid- und/oder Aminosäuresequenz ist die internationale vorläufige Prüfung auf der Grundlage des Sequenzprotokolls durchgeführt worden, das:					
in der internationalen Anmeldung in schriftlicher Form enthalten ist.						
			nternationalen Anmeldung in computerlesbarer Form eingereicht worden ist.			
		bei der Behörde nac	chträglich in schriftlicher Form eingereicht worden ist.			
			chträglich in computerlesbarer Form eingereicht worden ist.			
		Die Erklärung, daß	das nachträglich eingereichte schriftliche Sequenzprotokoll nicht über den der internationalen Anmeldung im Anmeldezeitpunkt hinausgeht, wurde vergelegt.			
	Die Erklärung, daß die in computerlesbarer Form erfassten Informationen dem schriftlichen Sequenzprotokoll entsprechen, wurde vorgelegt.					
1.	Aufg	grund der Änderunge	n sind folgende Unterlagen fortgefallen:			
		Beschreibung,	Seiten:			
		Ansprüche,	Nr.:			
		Zeichnungen,	Blatt:			

# INTERNATIONALER VORLÄUFIGER PRÜFUNGSBERICHT

Internationales Aktenzeichen PCT/EP2003/010142

5. Dieser Bericht ist ohne Berücksichtigung (von einigen) der Änderungen erstellt worden, da diese aus den angegebenen Gründen nach Auffassung der Behörde über den Offenbarungsgehalt in der ursprünglich eingereichten Fassung hinausgehen (Regel 70.2(c)).

(Auf Ersatzblätter, die solche Änderungen enthalten, ist unter Punkt 1 hinzuweisen; sie sind diesem Bericht beizufügen.)

- 6. Etwaige zusätzliche Bemerkungen:
- V. Begründete Feststellung nach Artikel 35(2) hinsichtlich der Neuheit, der erfinderischen Tätigkeit und der gewerblichen Anwendbarkeit; Unterlagen und Erklärungen zur Stützung dieser Feststellung
- 1. Feststellung

Neuheit (N)

Ja: Ansprüche 1-15

Erfinderische Tätigkeit (IS)

Nein: Ansprüche Ja: Ansprüche 1-15

Nein: Ansprüche

Gewerbliche Anwendbarkeit (IA)

Ja: Ansprüche: 1-15

Nein: Ansprüche:

2. Unterlagen und Erklärungen:

siehe Beiblatt

# INTERNATIONALER VORLÄUFIGER Internationales Aktenzeichen PCT/EP2003/010142 PRÜFUNGSBERICHT - BEIBLATT

#### Zu Punkt V

Begründete Feststellung nach Artikel 35(2) hinsichtlich der Neuheit, der erfinderischen Tätigkeit und der gewerblichen Anwendbarkeit; Unterlagen und Erklärungen zur Stützung dieser Feststellung

1:

- 1. Der neu eingereichte Anspruch 1 scheint unvollständig zu sein, da offensichtlich am Ende der ersten Zeile das Wort 'Druck' fehlt. Der Satzteil müßte wohl folgendermaßen lauten: '... indem der Leim unter Druck gefördert wird ...'. Die Prüfung erfolgt dementsprechend.
- 2. Die unabhängigen Ansprüche gehen in ihrem Oberbegriff von der WO 03/13808 (D3) der Anmelderin aus. Um kostengünstig qualitativ hochwertige Platten aus Holzfaserstoffen herzustellen, wird der Leim mit einem Druck von 15 bis 250 bar gefördert und unter diesem Druck mit mehr als 1 l/min. aus der Düse zerstäubt. Vorteilhaft dabei ist, daß der Vorhang aus Holzschnitzeln die nachfolgenden Einrichtung vor einer Verschmutzung schützt.
- 3. Diese spezifischen Verfahrensschritte werden vom Stand der Technik nicht nahegelegt. Insofern scheint das Verfahren nach Anspruch 1 die Erfordernisse des PCT zu erfüllen. Gleiches gilt für den auf eine Vorrichtung gerichteten, unabhängigen Anspruch 6 zur Durchführung des Verfahrens.
- 4. Die abhängigen Ansprüche betreffen weitere Ausgestaltungen der Erfindung und scheinen im Prinzip ebenfalls den Erfordemissen des PCT zu genügen.

11:

- 1. Nachdem nunmehr im Anspruch 1 der Druck 15 bis 250 bar betragen soll, können in den Unteransprüchen die entsprechenden Werte nicht mehr 'insbesondere' bzw. 'bevorzugt' sein.
- 2. Die Erfordernisse der Regel 5.1 a) PCT sind nicht erfüllt, da die Dokumente D1 bis D4 nicht oder nicht vollständig genug in der Beschreibungseinleitung angegeben und gewürdigt wurden.
- 3. Das Bezugszeichen '36' auf Seite 2, Zeile 4 sollte in '35' geändert werden.

# INTERNATIONALER VORLÄUFIGER Internationales Aktenzeichen PCT/EP2003/010142 PRÜFUNGSBERICHT - BEIBLATT

- 4. Die Figur 1 scheint nicht richtig gezeichnet zu sein. Nachdem in dem doppelwandigen Rohr des Mischers '2' Kühlwasser fließen soll, wäre der Bereich des Rohren, in dem das Material von oben in das Rohr eingebracht wird (Pfeil '7') zu 'schließen'.
- 5. Beim Eintritt in die regionale Phase sollten die o.g. Mängel behoben werden. Bei der Neufassung der Ansprüche sollten Ausdrücke wie 'insbesondere ganz oder überwiegend' oder doppelte 'und/oder' Kombinationen vermieden werden, um Unklarheiten zu vermeiden. Weiterhin wäre zu überlegen, ob platt selbstverständliche Merkmale zu beanspruchen sind, wie z.B. der Gegenstand des Anspruchs 15. Natürlich müssen die Leitungen einen Druck von bis zu 250 bar aushalten, wenn die Pumpe einen derartigen Druck erzeugt.

ST42113 Kronospan Technical Zypern

### Neue Ansprüche 1 und 6, November 2005

- Verfahren für das Beleimen von Holzfasern, indem der Leim unter gefördert wird und dann unter diesem Druck aus Düsen austritt und so zerstäubt wird und anschließend der zerstäubte Leim auf einen aus Fasern gebildeten Vorhang aufgebracht wird,
- dadurch gekennzeichnet, dass

der Leim mlt einem Druck von 15 bis 250 bar gefördert wird und mit diesem Druck mit mehr als 11/min aus jeder Düse austritt.

15

20

25

Vorrichtung zur Durchführung des Verfahrens nach einem der vorhergehenden Ansprüche mit Mitteln zur Bildung eines Vorhangs aus Holzfasern, mit Mitteln zur Förderung von Leim und Düsen zur Zerstäubung des geförderten Leims,

dadurch gekennzeichnet, dass

eine Hochdruckpumpe für die Vernebelung von Leim vorhanden ist, deren Drehzahl geregelt werden kann.